

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**1 - 15. (Canceled)**

1 **16. (Previously presented)** An electrode assembly for  
2 a portable 12-lead ECG signaling device, said electrode  
3 assembly comprising a thin, flexible electrode support  
4 supporting a plurality of electrodes (V1, V2, V3, V4,  
5 V5 and V6, LA, RA, LL) at least some of which are  
6 constructed on the electrode support in proper spaced  
7 relationship for producing electrical contact with  
8 respective areas of a patient's chest for producing an  
9 electrocardiogram when the electrode assembly is placed  
10 directly against the patient's chest; wherein:  
11 the flexible support comprises a plurality of  
12 foldable sections that fixedly support the electrodes  
13 thereon and open out to form a substantially flat base  
14 that is placeable against the patient's chest so that  
15 those of said electrodes that are in proper spaced  
16 relationship for producing electrical contact with  
17 respective areas of a patient's chest simultaneously  
18 contact the respective areas of the patient's chest  
19 without requiring adjustment or calibration, and  
20 whereby the electrode assembly can be folded into a  
21 compact unit prior to or after use, and  
22 one of the foldable sections is provided with a  
23 flap for tucking into a slot in another one of said  
24 sections, whereby the electrode assembly can be folded  
25 into a self-contained compact unit prior to use.

1   **17. (Previously presented)**     An electrode assembly for  
2   a portable 12-lead ECG signaling device, said electrode  
3   assembly comprising a thin, flexible electrode support  
4   supporting a plurality of electrodes (V1, V2, V3, V4,  
5   V5 and V6, LA, RA, LL) at least some of which are  
6   constructed on the electrode support in proper spaced  
7   relationship for producing electrical contact with  
8   respective areas of a patient's chest for producing an  
9   electrocardiogram when the electrode assembly is placed  
10  directly against the patient's chest; wherein:

11         the flexible support comprises a plurality of  
12  foldable sections that fixedly support the electrodes  
13  thereon and open out to form a substantially flat base  
14  that is placeable against the patient's chest so that  
15  those of said electrodes that are in proper spaced  
16  relationship for producing electrical contact with  
17  respective areas of a patient's chest simultaneously  
18  contact the respective areas of the patient's chest  
19  without requiring adjustment or calibration, and  
20  whereby the electrode assembly can be folded into a  
21  compact unit prior to or after use, and

22         there is joined to at least one of the foldable  
23  sections a serpentine strip supporting thereon one of  
24  said electrodes (RA).

**18 - 28 (canceled)**

1   **29. (Currently amended)**   An electrode assembly for a  
2   portable 12-lead ECG signaling device, comprising:

3         a thin, flexible electrode support that is  
4   foldable into a compact unit prior to or after use,  
5   said electrode support supporting at least six  
6   electrodes (V1, V2, V3, V4, V5 and V6) wholly  
7   constructed on the electrode support in proper mutual

8 spaced relationship for producing electrical contact  
9 each with a correct respective area of a patient's  
10 chest when two of said electrodes~~the leads~~ (V1, and V2)  
11 are substantially symmetrically disposed about his or  
12 her vertebrae for producing a 12-lead electrocardiogram  
13 when the electrode assembly is placed flat against the  
14 patient's chest; and

15 limb electrodes (LA, RA, LL) fixedly attached at  
16 one end thereof to the electrode support and having a  
17 second end displaceable from the electrode support for  
18 locating proximate a patient's limb ;

19 wherein the electrode support has a plurality of  
20 foldable sections one of which is provided with a flap  
21 for tucking into a slot in another one of said  
22 sections, whereby the electrode assembly can be folded  
23 into a self-contained compact unit prior to use.

1 **30. (Previously presented)** A wallet having the  
2 electrode assembly according to claim 29 integrally  
3 embedded therein.

**31. (Canceled)**

1 **32. (Previously presented)** The electrode assembly  
2 according to claim 29, wherein there is joined to the  
3 electrode support a serpentine strip supporting thereon  
4 one of said electrodes (RA).

1 **33. (Previously presented)** The electrode assembly  
2 according to claim 29, wherein the electrodes are  
3 formed by a screen-printing technique.

**34. (Canceled)**

**35. (Canceled)**

1 **36. (Previously presented)** The electrode assembly  
2 according to claim 29, further including a connector

3 for removably connecting to the electrode assembly an  
4 electronic circuit.

1 **37. (Previously presented)** The electrode assembly  
2 according to Claim 36, being adapted for one time use.

1 **38. (Previously presented)** An ECG signaling device  
2 comprising an electrode assembly according to claim 29.

1 **39. (Previously presented)** The device according to  
2 claim 38, including a vocalizing unit for producing an  
3 acoustic signal representative of the patient's ECG.

1 **40. (Previously presented)** The device according to  
2 claim 39, including digital circuitry for producing a  
3 digital signal representative of the patient's ECG.

1 **41. (Previously presented)** A wallet having the  
2 device according to claim 38 integrally embedded  
3 therein.

**42 - 52. (Canceled)**

1 **53. (Currently amended)** An electrode assembly for a  
2 portable 12-lead ECG signaling device, comprising.  
3 a thin, flexible electrode support that is  
4 foldable into a compact unit prior to or after use,  
5 said electrode support supporting at least six  
6 electrodes (V1, V2, V3, V4, V5 and V6) wholly  
7 constructed on the electrode support in proper mutual  
8 spaced relationship for producing electrical contact  
9 each with a correct respective area of a patient's  
10 chest when ~~the two of said electrodes leads~~ (V1, and V2)  
11 are substantially symmetrically disposed about his or  
12 her vertebrae for producing a 12-lead electrocardiogram  
13 when the electrode assembly is placed flat against the  
14 patient's chest; and

15       limb electrodes (LA, RA, LL) fixedly attached at  
16 one end thereof to the electrode support and having a  
17 second end displaceable from the electrode support for  
18 locating proximate a patient's limb;

19       wherein there is joined to the electrode support a  
20 serpentine strip supporting thereon one of said  
21 electrodes (RA).

1   **54. (Previously presented)**       The electrode assembly  
2 according to claim 53, wherein the electrodes are  
3 formed by a screen-printing technique.

1   **55. (Currently amended)**       The electrode assembly  
2 according to claim 53, wherein some of said ~~electrode~~  
3 ~~arrays—electrodes~~ are for male use exclusively and  
4 others are for female use exclusively.

1   **56. (Previously presented)**       The electrode assembly  
2 according to claim 53, further including a connector  
3 for removably connecting to the electrode assembly an  
4 electronic circuit.

1   **57. (Previously presented)**       The electrode assembly  
2 according to claim 53, being adapted for one time use.

1   **58. (Previously presented)**       A wallet having the  
2 electrode assembly according to claim 53 integrally  
3 embedded therein.

1   **59. (Previously presented)**       An ECG signaling device  
2 comprising an electrode assembly according to claim 53.

1   **60. (Previously presented)**       The device according to  
2 claim 59, including a vocalizing unit for producing an  
3 acoustic signal representative of the patient's ECG.

1   **61. (Previously presented)**       The device according to  
2 claim 60, including digital circuitry for producing a  
3 digital signal representative of the patient's ECG.

1 62. (Previously presented) A wallet having the  
2 device according to claim 59 integrally embedded  
3 therein.